

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A hot water supply heat exchanger comprising a water pipe forming a water passage and a refrigerant pipe forming a refrigerant passage, the hot water supply heat exchanger being for heating water flowing through the water passage by a refrigerant flowing through the refrigerant passage,

wherein an inlet part of the water passage in communication with an outermost part of the refrigerant passage having water of a predetermined temperature or less at which a scale component is hardly deposited is provided with a heat transfer enhancer and rest of the water passage is devoid of a heat transfer enhancer.

2. (Currently Amended) A hot water supply heat exchanger comprising a water pipe forming a water passage and a refrigerant pipe forming a refrigerant passage, the hot water supply heat exchanger being for heating water flowing through the water passage by a refrigerant flowing through the refrigerant passage,

wherein a part of the water pipe forming an inlet part of the water passage in communication with an outermost part of the refrigerant passage having water of a predetermined temperature or less at which a scale component is hardly deposited is provided with a heat transfer enhancement pipe section includes a heat transfer enhancements and rest of water pipe is devoid of a heat transfer enhancement.

3. (Currently Amended) A hot water supply heat exchanger comprising a plurality of heat exchanger units each including a water pipe forming a part of a water passage and a refrigerant pipe forming a part of a refrigerant passage, said plurality of heat exchanger units being stacked one above another, the water pipes being connected to one another to form a continuous water passage, the refrigerant pipes being connected to one another to form a continuous refrigerant passage, said hot water supply heat exchanger being for heating water flowing through the water passage by a refrigerant flowing through the refrigerant passage,

wherein an inlet part of the water passage in communication with an outermost part of the refrigerant passage including water of a predetermined temperature or less at which a scale component is hardly deposited is provided with a heat transfer enhancer and rest of the water passage is devoid of a heat transfer enhancer.

4. (Currently Amended) A hot water supply heat exchanger comprising a plurality of heat exchanger units each including a water pipe forming a part of a water passage and a refrigerant pipe forming a refrigerant passage, said plurality of heat exchanger units being stacked one above another, the water pipes being connected to one another to form a continuous water passage, the refrigerant pipes being connected to one another to form a continuous refrigerant passage, said hot water supply heat exchanger being for heating water flowing through the water passage by a refrigerant flowing through the refrigerant passage,

wherein a heat transfer enhancement pipe is used as the water pipe corresponding to an inlet part of the water passage in communication with an outermost part of the refrigerant passage having water of a predetermined temperature or less at which a scale component is hardly deposited includes a heat transfer enhancement and rest of the water pipe is devoid of a heat transfer enhancement.

5. (Previously presented) The hot water supply heat exchanger of Claim 1 or 3, wherein spiral grooves formed in the inner surface of the water pipe are adopted as the heat transfer enhancer.

6. (Previously presented) The hot water supply heat exchanger of Claim 2 or 4, wherein an internally-grooved pipe provided at its inner surface with spiral grooves is adopted as the heat transfer enhancement pipe.

7. (Previously presented) The hot water supply heat exchanger of any one of Claims 1 through 4, wherein

the refrigerant pipe is connected to the periphery of the water pipe.

8. (Previously presented) The hot water heater supply heat exchanger of claim 1, wherein the water pipe includes more than one water pipe and each water pipe is connected to each other near middle of the refrigerant pipe.

9. (Previously presented) The hot water supply heat exchanger of claim 1, wherein the water passage is in form of an ellipse.